**ARC Week at Glance**

**Subject: Projectile Motion Course: AP Physics Grade: 10-12 Dates: 9/16/24\_9/20/24**

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|  | **Learning Target****(I am learning about…)** | **Criteria for Success****(I can…)** | **Activation/ Instruction** |  **Collaboration/ Guided Practice** | **Independent Learning/ Assessment** |
| *(Include at least one/two formatives\*in any part of the lesson as needed)* |
| **Monday** | I am learning how to apply projectile motion to create a piece of art | I can engineer a machine to launch a projectile  | AP Physics Practice Problem | **Catapult Construction Research** | **Design Process Padlet** |
| **Tuesday** | I am learning how to apply projectile motion to create a piece of art | I can engineer a machine to launch a projectile | AP Physics Practice Problem | **Build Catapults** | **Design Process Padlet** |
| **Wednesday** | I am learning how to apply projectile motion to create a piece of art | I can engineer a machine to launch a projectile | AP Physics Practice Problem | **Test run of catapults. Collect preliminary data**  | **Design Process Padlet** |
| **Thursday (Sub Plans)** | I am learning how to apply projectile motion to create a piece of art | I can engineer a machine to launch a projectile |  | **Catapult research and refinement**  | **Design Process Padlet** |
| **Friday** | I am learning how to apply projectile motion to create a piece of art | I can engineer a machine to launch a projectile | AP Physics Practice Problem | **Catapult Rebuild and retest**  | **Design Process Padlet** |

**\***[ ]  Exit Ticket/Final Stretch Check [ ]  Electronic Tools [ ]  Dry Erase Boards – quick checks [ ]  Turn & Talk Discussion (verbal responses) [ ]  Teacher Observation – document Clipboard

 [ ]  Quick Write/Draw [ ]  Annotation [ ]  Extended Writing [ ]  Socratic Seminar [ ]  Jigsaw [ ]  Thinking Maps [ ]  Worked Examples [ ]  Other : \_\_\_\_\_\_\_\_\_\_\_